

METHOD AND SYSTEM FOR ADAPTIVE PREFETCHING

ABSTRACT OF THE DISCLOSURE

5 A cache server (18) may prefetch one or more web
pages (30) from an origin server (16) prior to those web
pages being requested by a user (13). The cache server
determines which web pages to prefetch based on a graph
10 (42) associated with a prefetch module (40) associated
with the cache server. The graph represents all or a
portion of the web pages at the origin server using one
or more nodes (130) and one or more links (100)
connecting the nodes. Each link has an associated
15 transaction weight (102) and user weight (104). The
transaction weight represents the importance of the link
and associated web page to the origin server and may be
used to control the prefetching of web pages by the cache
server. The user weight may be used to change a priority
20 (46) associated with a request (22) for a web page. The
user weight and transaction weight may change based on
criteria (50) associated with the origin server.